

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	246	380/270.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:29
L2	356	455/552\$.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:29
L3	435	455/435\$.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:29
L4	390	455/414\$.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:29
L5	534	455/433.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:29
L6	141	380/247.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:29
L7	1881	(L6 or L1 or L2 or L4 or L3 or L5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:29
L8	3874	(telecommunicat\$3 or wireless) with (carrier or provider or service) with (activat\$3 or initializat\$3 or initial\$3 or initializ\$3 or setup or "set-up" or (account with (establish\$3 or start\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:41

## EAST Search History

L9	90	L8 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:29
L11	54	L9 and ("plug-in" or (IC with (card or chip)) or smartcard or (smart near3 card) or SIMM or SIM or GSM or micro or microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:33
L12	41	L11 and key\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:29
L13	227	L8 same ("plug-in" or (IC with (card or chip)) or smartcard or (smart near3 card) or SIMM or SIM or GSM or micro or microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:42
L14	28	L13 and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:49
L15	184664	(numerous or many or multiple or plural\$3 or several or three or four or five) with ("plug-in" or (IC with (card or chip)) or smartcard or (smart near3 card) or SIMM or SIM or GSM or micro or microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:41
L16	771	L8 and L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:41
L17	111	L16 and L13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:42

## EAST Search History

L18	6	L17 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:42
L19	18	L17 and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:49
L20	0	L18 not L19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:49
L21	12	L19 not L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 19:49



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- IEEE CNF IEEE Conference Proceeding
- IET CNF IET Conference Proceeding
- IEEE STD IEEE Standard

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- ☐
- 1. Toward SSL integration in SIM SmartCards**  
Badra, M.; Urien, P.;  
[Wireless Communications and Networking Conference, 2004. WCNC. 2004 IEEE](#)  
Volume 2, 21-25 March 2004 Page(s):889 - 893 Vol.2  
[AbstractPlus](#) | Full Text: [PDF\(367 KB\)](#) IEEE CNF  
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IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

- ☐ **1. Performance of a novel self-organization protocol for wireless ad-hoc sensor networks**  
 Sohrabi, K.; Pottie, G.J.;  
[Vehicular Technology Conference, 1999. VTC 1999 - Fall. IEEE VTS 50th](#)  
 Volume 2, 19-22 Sept. 1999 Page(s):1222 - 1226 vol.2  
[AbstractPlus](#) | Full Text: [PDF\(433 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **2. Microwave power transmission for wireless tag**  
 Toita, M.; Yanagimoto, T.; Yamamoto, M.; Nikawa, Y.;  
[Microwave Conference, 1999 Asia Pacific](#)  
 Volume 2, 30 Nov.-3 Dec. 1999 Page(s):397 - 400 vol.2  
 Digital Object Identifier 10.1109/APMC.1999.829886  
[AbstractPlus](#) | Full Text: [PDF\(112 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **3. A novel reservation TDMA based multiple access scheme using adaptive modulation for multimedia wireless communication systems**  
 Kawagishi, M.; Sampei, S.; Morinaga, N.;  
[Vehicular Technology Conference, 1998. VTC 98. 48th IEEE](#)  
 Volume 1, 18-21 May 1998 Page(s):112 - 116 vol.1  
 Digital Object Identifier 10.1109/VETEC.1998.686486  
[AbstractPlus](#) | Full Text: [PDF\(464 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **4. Efficient key distribution for slow computing devices: achieving fast over the air activation for wireless systems**  
 Carroll, C.; Frankel, Y.; Tsiounis, Y.;  
[Security and Privacy, 1998. Proceedings. 1998 IEEE Symposium on](#)  
 3-6 May 1998 Page(s):66 - 76  
 Digital Object Identifier 10.1109/SECPRI.1998.674824  
[AbstractPlus](#) | Full Text: [PDF\(188 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **5. The design and performance evaluation of high-speed packet data MAC protocol for CDMA based IMT2000**  
 Sungwon Lee; Young-Jae Song; Dong-Ho Cho; Hyunuk Lee; So-Dong Park; Youngky Kim;  
[Global Telecommunications Conference, 1999. GLOBECOM '99](#)  
 Volume 5, 1999 Page(s):2694 - 2698 vol.5  
 Digital Object Identifier 10.1109/GLOCOM.1999.831788  
[AbstractPlus](#) | Full Text: [PDF\(404 KB\)](#) IEEE CNF  
[Rights and Permissions](#)



**6. Clique activation multiple access (CAMA): a distributed heuristic for building wireless datagram networks**

Young, C.D.; Stevens, J.A.;

Military Communications Conference, 1998. MILCOM 98. Proceedings., IEEE

Volume 1, 18-21 Oct. 1998 Page(s):228 - 232 vol.1

Digital Object Identifier 10.1109/MILCOM.1998.722576

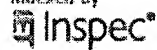
AbstractPlus | Full Text: PDF(408 KB) IEEE CNF

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IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **Adaptive hybrid ARQ scheme using concatenated FEC for ATM over wireless links**  
Ji-Seob Sim; Won-Sik Yoon;  
[Electronics Letters](#)  
Volume 34, [Issue 24](#), 26 Nov. 1998 Page(s):2303 - 2304  
[AbstractPlus](#) | Full Text: [PDF\(240 KB\)](#) IET JNL
  
- ☐ 2. **RAC telematics services development**  
Skilton, P.; Batty, S.;  
[Driver Information Systems: Influencing Your Route \(Ref. No. 1999/087\)](#), IEE Seminar  
3 March 1999 Page(s):3/1 - 311  
[AbstractPlus](#) | Full Text: [PDF\(452 KB\)](#) IET CNF



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wireless activation multiple carrier SIM OR SIM

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Filing date

☐ Return patents filed anytime

☒ Return patents filed between Jan  1990  and Dec  1999

**Patents** Patents 1 - 29 on **wireless activation multiple carrier SIM OR SIMM OR GSM OR "plug-in" OR plugin OR smartcard**

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Escrowed key distribution for over-the-air service

provisioning in wireless ...

US Pat. 6611913 - Filed Mar 29, 1999 - Verizon Laboratories Inc.

Both the **wireless carrier** 140 and the activating **wireless** communication device ... Each device 110 should have the ability to hold **multiple activation** pairs ...

Universal exchange for making least-cost non-local telephone calls

US Pat. 6381315 - Filed Dec 2, 1999

The **wireless carrier** then forwards the **wireless** call to the special 60 ... phone user must input the PIN number which appears on the prepaid telephone **card**. ...

Electronic payment system utilizing intermediary account

US Pat. 6185545 - Filed Nov 17, 1999 - PreNet Corporation

**Card** user 20 is illustrated 30 as visiting at a point-of-sale. ... the payment processor system to a customer such as a **wireless carrier** prepaid platform. ...

Wireless telecommunications system and method of operation providing users

US Pat. 6591103 - Filed Jun 30, 1999 - International Business Machine Corp.

More particularly, the invention relates to **carrier** selection in overlapping ... Service control units and host stations facilitate **wireless activation** in ...

Wireless multiple position switching system

US Pat. 5239205 - Filed May 2, 1991 - Heath Company

Upon **activation**, the lever 253 moves cal circuitry of the master switch 104 ... 10 is an exploded cross-sectional view of the 10 moves the RF **carrier** from ...

Wireless multiple position switching system

US Pat. 5818128 - Filed Feb 20, 1996 - Heath Company

A **wireless** switching system 5100 is shown, including a power source 5102, a standard electrical outlet 5108, a master **plug-in** module 5109, ...

Wireless multiple position switching system

US Pat. 5340954 - Filed Mar 4, 1993 - Heath Company

Prior to circuit of the oscillator 1207. **activation**, the toggle lever 253 is ... 10 is an exploded cross-sectional view of the moves the RF **carrier** from the ...

Prepay telecommunications system with unregistered roaming call processing

US Pat. 6029062 - Filed Jul 21, 1997 - National Telemanagement Corporation

Further, complete records of all **activation** and replenishment transactions and details of each call are available to the prepay **wireless** service ...

Multiple mode personal wireless communications system

US Pat. 5887259 - Filed Jun 22, 1994 - GTE Mobile Communications Service Corporation

The **activation** steps by the customer are simple, including 65 only a need to **plug in** the pico station, place each handset in close proximity, ...

Personal communications internetworking



US Pat. 5742905 - Filed Sep 19, 1994 - Bell Communications Research, Inc.

The mobile office user's name, address, preferred long distance **carrier**, service cellular phone and other **wireless** communications facili- profile data ...

#### Visual interface to mobile subscriber account services

US Pat. 6466783 - Filed Jun 8, 1998 - Openwave Systems Inc.

Examples of the **wireless** networks include Cellular Digital Packet Data (CDPD), Global System for Mobile Communications (**GSM**), Code Division **Multiple** Access ...

#### Data transmission system and game system using the same

US Pat. 6324603 - Filed Feb 9, 1999 - Kabushiki Kaisha Sega Enterprises

An **activation** command signal or **activation** halt command signal for 25 the vibrating ... from the **carrier** signal, and demodulates the **multiple**-value data. ...

#### Wireless communication product fulfillment system

US Pat. 6029143 - Filed Jun 6, 1997 - Brightpoint, Inc.

numbers associated with it to facilitate **activation** and opera- of **wireless** ...  
In **wireless** telephones for **multiple** service providers in a contrast, ...

#### Data transmission system and game system with game peripherals using same

US Pat. 6213879 - Filed Feb 9, 1999 - Sega Enterprises, Ltd.

An **activation** command signal or **activation** halt command signal for the vibrating unit ... from the **carrier** signal, and demodulates the **multiple**-value data. ...

#### Network communication system

US Pat. 6181736 - Filed Mar 18, 1998 - NXi Communications, Inc.

The bus 43 may be thought of as a data **carrier**. As such, the bus 43 may be embodied in numerous configurations. Wire, fiber optic line, **wireless** ...

#### Mobile networking method and apparatus

US Pat. 5572528 - Filed Mar 20, 1995 - Novell, Inc.

35 with the network, and for removing the network **card** from ... process selected from moving out of range of a **wireless carrier** structure, de-**activation** of ...

#### Method for forwarding a call to a temporarily utilized portable telephone

US Pat. 5537467 - Filed Aug 23, 1994 - Bell Communications Research, Inc.

Such personal communication services generally involve **multiple** service ... a cellular telephone company) enables traveling users to rent a **wireless** ...

#### Prepaid security cellular telecommunications system

US Pat. 5854975 - Filed Nov 15, 1995 - Freedom Wireless, Inc.

**Multiple** access fee due dates being entered during any one given month will ...  
Further, the calling **card** 20 validation and account crediting function in ...

#### Time division multiple access downlink personal communications system voice ...

US Pat. 6185198 - Filed Apr 27, 1999 - Aeris Communications, Inc.

In a preferred method, communicator 100 scans and detects forward downlink network channels of host-serving cellular, PCS, **GSM**, or mobile satellite system ...

#### Wireless universal provisioning device

US Pat. 6487403 - Filed Aug 19, 1999 - Verizon Laboratories Inc.

Systems and methods consistent with the present invention securely perform **wireless** device authentication and **activation**. For purposes of the following ...

#### Method for transferring operating parameters from a control center to a ...

US Pat. 6741854 - Filed Sep 2, 1999 - Alcatel

Therefore, a call back through the network (PLMN, for example the mobile radio network **GSM**). This operator or the authorised institution can optionally be ...

#### Short distance communication and remote control capability for mobile telephones

US Pat. 6295448 - Filed Sep 21, 1998 - Telefonaktiebolaget LM Ericsson (publ)

In a Time Division **Multiple** Access (TDMA, ments depending on a variety of factors, ... day of the week, or geographic location of the mobile (**GSM**) system, ...

#### Method, apparatus, and product for linking a user to records of a database

US Pat. 6173283 - Filed Feb 27, 1998 - Sun Microsystems, Inc.

**Wireless** links may also be implemented. In any such implementation, ... are exemplary forms of **carrier** waves transporting the information. ...

#### TDMA master-slave filter tuning

US Pat. 6408010 - Filed Jun 25, 1998 - Telefonaktiebolaget LM Ericsson (publ)

BACKGROUND OF THE INVENTION 15 In modern **wireless** telecommunication ... DECT is a Multi **Carrier**/Time Division **Multiple** Access/Time Division 25 Duplex ...

#### JavaBean activation framework-common desktop environment bridge

US Pat. 6637021 - Filed Jun 30, 1999 - Sun Microsystems, Inc.

If communication interface 120 is a local area network (LAN) **card**, communication interface ... **Wireless** links are also possible. In any such implementation, ...

#### Channel resource utilization during a positioning handover

US Pat. 6047182 - Filed Oct 29, 1997 - Ericsson Inc.

The digital **GSM** system uses Time Division **Multiple** 10 Access (TDMA) to handle radio traffic in each cell. TDMA divides each frequency (**carrier**) into eight ...

#### Distributing and synchronizing objects

US Pat. 6430576 - Filed May 10, 1999

If communication interface 120 is a local area network (LAN) **card**, communication interface ... **Wireless** links are also possible. In any such implementation, ...

#### Circuit and method of amplifying a signal for a receiver

US Pat. 6133793 - Filed Jul 27, 1998 - Motorola, Inc.

In electronic systems such as cellular or **wireless** telephones, ... Mobil communications (**GSM**) and the other mixer circuit 60 receives a modulated signal for ...

#### System for transporting information objects between a user station and ...

US Pat. 6125388 - Filed Dec 1, 1997

The term "common **carrier**" is used herein to embrace all such data ... selection of transport **activation** drops down a menu of transport choices such as ...

wireless activation multiple carrier SIM OR SI

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# Interference Search

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L2	356	455/552\$.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:20
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L4	390	455/414\$.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:20
L5	534	455/433.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:20
L6	141	380/247.ccls. and @ad<"19991207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:20
L7	1881	(L6 or L1 or L2 or L4 or L3 or L5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:20
L8	1881	L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:20

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L10	401	((telecommunicat\$3 or wireless) with (carrier or provider or service) with (activat\$3 or initializat\$3 or initial\$3 or initializ\$3 or setup or "set-up" or (account with (establish\$3 or start\$3))))).clm.	US-PGPUB	OR	ON	2007/11/09 20:24
L11	6	L9 and L10	US-PGPUB	OR	ON	2007/11/09 20:22
L12	20973	((numerous or many or multiple or plural\$3 or several or three or four or five) with ("plug-in" or (IC with (card or chip)) or smartcard or (smart near3 card) or SIMM or SIM or GSM or micro or microprocessor)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:23
L13	663	((telecommunicat\$3 or wireless) with (carrier or provider or service) with (activat\$3 or initializat\$3 or initial\$3 or initializ\$3 or setup or "set-up" or (account with (establish\$3 or start\$3))))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:24
L14	13	L12 and L13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:24
L15	7	L14 not L11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 20:24